



IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Ryan L. ROACH et al.

U.S. Application No. 10/771,963

Group Art Unit: 3711

Filed: February 4, 2004

For: GOLF CLUB SET WITH VARIABLE THICKNESS AND/OR DENSITY  
FACE INSERTS

**INFORMATION DISCLOSURE STATEMENT**  
(SUBMISSION AFTER FILING OF AN APPLICATION BUT  
BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE)

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- X Copies of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed were submitted with the Information Disclosure Statements filed on May 14, 2003 and November 21, 2002 in regard to parent application No. 10/228,025.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

- a. ☐ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language

Search Report, a copy of which is attached hereto (concise explanation not required).

- b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. ☐ The following additional information is provided for the Examiner's consideration.

IV. ☒ THIS IDS IS BEING FILED UNDER 37 CFR § 1.97(b):  
(check one box)

- a. ☐ within three months of the filing date of a national application (37 CFR § 1.97(b)(1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 CFR § 1.97(b)(2)). No fee or certification is required.
- c. ☒ before the mailing of a first Office action on the merits 37 CFR § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 CFR § 1.97(c) and see the certification under 37 CFR § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180 as required by 37 CFR § 1.17(p).
- d. ☐ before the mailing of a first Office action after the filing of a request for continued examination under § 1.114 37 CFR § 1.97(b)(4). No fee or certification is required.

V. ☐ THIS IDS IS BEING FILED UNDER 37 CFR § 1.97(c):  
(check one box)

before the mailing date of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application.

- a. ☐ No certification; therefore, a fee in the amount of \$180 is required by 37 CFR § 1.17(p);
- or
- b. ☐ See the certificate below. No fee is required.

VI. ☐ THIS IDS IS BEING FILED UNDER 37 CFR § 1.97(d):

*(check one box)*

after the mailing date of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and is filed on or before payment of the issue fee and is accompanied by:

- a. ☐ The statement specified in paragraph 1.97(e); and
- b. ☐ The fee set forth in § 1.17(p).

VII. STATEMENT UNDER 37 CFR § 1.97(e): *(check only one box)*

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

VIII. PAYMENT OF FEES *(check one box)*

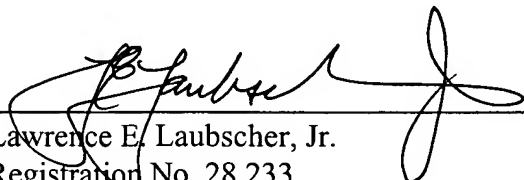
- ☐ A check in the amount of \$180 is enclosed for the above-identified fee.
- ☐ Please charge Deposit Account No. 50-1936 in the amount of \$180 for the above-indicated fee. This paper is filed in duplicate.
- ☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-1936.

Please charge any additional fees or credit any overpayment pursuant to 37 CFR § 1.16 or 1.17 to Deposit Account No. 17-0150.

Respectfully submitted,

May 7, 2004

  
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Telephone: (410) 280-6608

Enclosures: ☒ PTO-1449  
☐ References  
☐ Foreign Search Report  
☐ Fee  
☐ Other:

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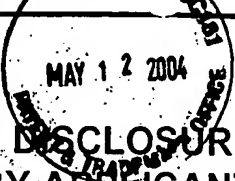
**CERTIFICATE OF MAILING**

I hereby certify that this **INFORMATION DISCLOSURE STATEMENT** and the documents noted as submitted herewith are being deposited with the United States Postal Service as first class mail in an envelope addressed to: GAU 3711, Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450, on May 7, 2004.

Ann Simonini

Signature



Substitute for form 1449A/PTO				<i>Complete If Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number		10/228,025	
		Filing Date		August 26, 2002	
		First Named Inventor		Ryan L. ROACH	
		Group Art Unit		3713	
		Examiner Name			
Sheet	1	of	1	Attorney Docket No. 23062	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		5,766,094	Mahaffey et al.	06-16-1998	
		5,827,131	Mahaffey et al.	10-27-1998	
		6,074,309	Mahaffey	06-13-2000	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>2</sup>	Number <sup>3</sup>				

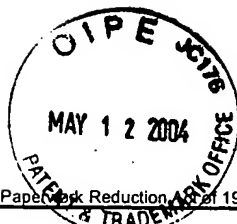
### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>4</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup>Applicant is to place a check mark here if English language translation is attached.

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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/228,025
Filing Date	08/26/2002
First Named Inventor	Ryan Roach
Art Unit	3711
Examiner Name	Stephen Blau
Attorney Docket Number	P-6223U1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,754,969	07-05-1988	Kobayashi	
		US- 5,333,859	08-02-1994	Teramoto, et al	
		US- 5,346,213	09-13-1994	Yamada	
		US- 5,362,047	11-08-1994	Shaw, et al	
		US- 5,398,929	03-21-1995	Kitaichi	
		US- 5,413,336	05-09-1995	Iwanaga	
		US- 5,643,103	07-01-1997	Aizawa	
		US- 5,665,009	09-09-1997	Sherwood	
		US- 6,093,112	07-25-2000	Peters, et al	
		US- 6,099,414	08-08-2000	Kusano, et al	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.